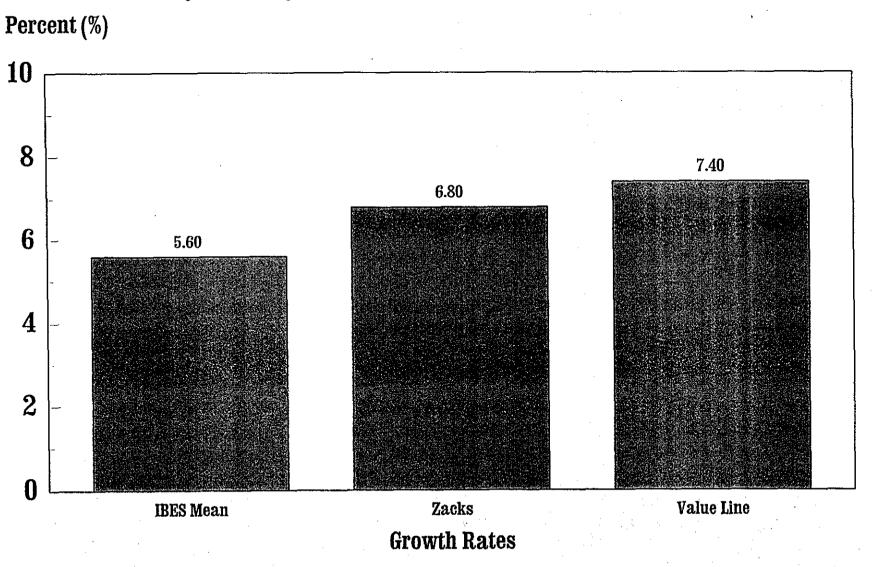
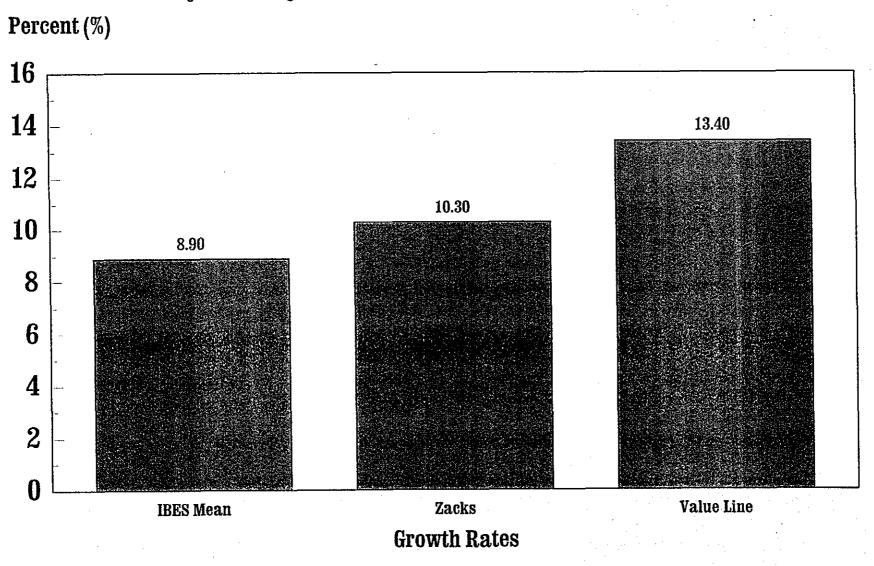
### Value Line Extended Water Group

#### Analysts' Projected Short-Run Earnings Growth Rates



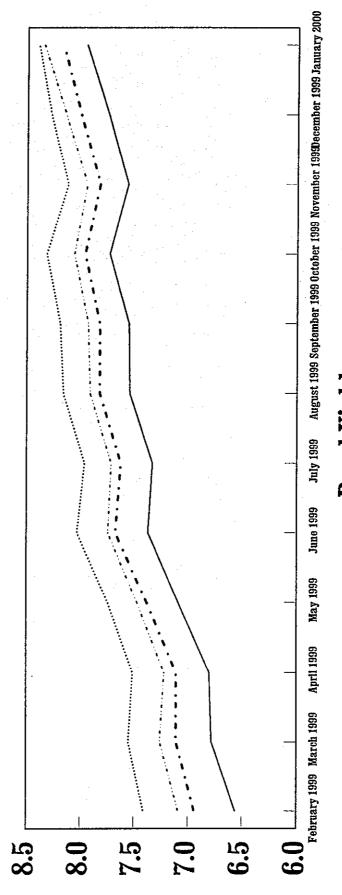
### **Public Utility Group**

### Analysts' Projected Short-Run Earnings Growth Rates



Interest Rate Trends for Public Utility Bonds

Percent (%)



**Bond Yields** 

Aaa Rated Aa Rated Baa Rated

## Interest Rate Trends for Investor-Owned Public Utility Bonds Yearly for 1995-1999 and the Twelve Months Ended January 2000

<u>Years</u>	Aaa Rated	Aa Rated	A Rated	Baa Rated	<u>Average</u>
1995	7.68%	7.77%	7.89%	8.29%	7.92%
1996	7.48%	7.57%	7.75%	8.16%	7.74%
1997	7.43%	7.54%	7.60%	7.95%	7.63%
1998	6.77%	6.91%	7.00%	7.35%	
	7.21%	7.51%			7.00%
1999	1.2170	1.5176	7.62%	7.88%	7.55%
<u>Months</u>				•	
February 1999	6.56%	6.94%	7.09%	7.41%	7.00%
March 1999	6.78%	7.11%	7.26%	7.55%	7.18%
April 1999	6.80%	7.11%	7.22%	7.51%	7.16%
May 1999	7.09%	7.38%	7.47%	7.74%	7.42%
June 1999	7.37%	7.67%	7.74%	8.03%	7.70%
July 1999	7.33%	7.62%	7.71%	7.96%	7.66%
August 1999	7.54%	7.82%	7.91%	8.16%	7.86%
September 1999	7.55%	7.82%	7.93%	8.19%	7.87%
October 1999	7.73%	7.96%	8.06%	8.32%	8.02%
November 1999	7.56%	7.82%	7.94%	8.12%	7.86%
December 1999	7.74%	8.00%	8.14%	8.28%	8.04%
January 2000	7.95%	8.17%	8.35%	8.40%	8.22%
· .					
Twelve-Month Average	<u>7.33%</u>	<u>7.62%</u>	<u>7.74%</u>	<u>7.97%</u>	<u>7.67%</u>

Source of Information:

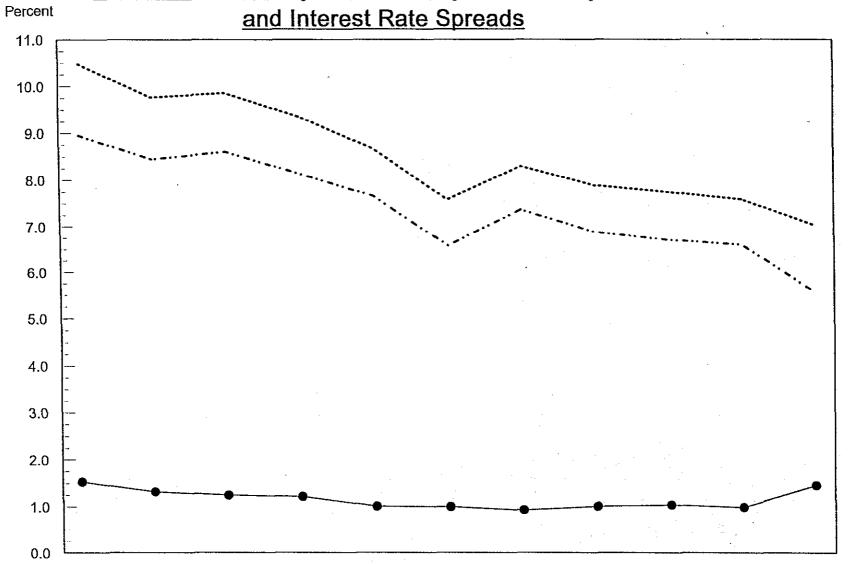
Moody's Investors Services, Inc. (Public Utility Manuals

and Bond Surveys)

<u>Yields on</u>

<u>A-rated Public Utility Bonds & 30-year Treasury Bonds</u>

and Interest Rate Spreads

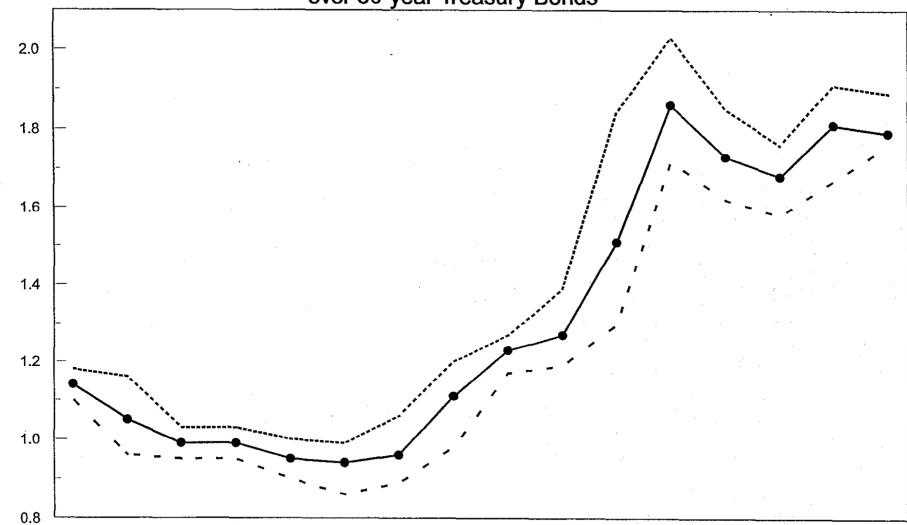


									-	4 .	
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
A rated Pub. Util. ***	10.49	9.77	9.86	9.36	8.68	7.59	8.30	7.89	7.75	7.60	7.04
30-year Treasury - ·	8.96	8.45	8.61	8.14	7.67	6.59	7.37	6.88	6.71	6.61	5.58
Spread	1.53	1.32	1.25	1.22	1.01	1.00	0.93	1.01	1.04	0.99	1.46

Exhibit 7.1
Schedule 9
Page 3 of 4

# Interest Rate Spreads A-rated Public Utility Bonds over 30-year Treasury Bonds

Percentage Points



				·	<del>,</del>											
	Mar-96	Jun-96	Sep-96	Dec-96	Mar-97	Jun-97	Sep-97	Dec-97	Mar-98	Jun-98	Sep-98	Dec-98	Mar-99	Jun-99	Sep-99	Dec-99
High	1.18	1.16	1.03	1.03	1.00	0.99	1.06	1.20	1.27	1.39	1.84	2.03	1.85	1.76	1.91	1.89
Avg 🗨	1.14	1.05	0.99	0.99	0.95	0.94	0.96	1.11	1.23	1.27	1.51	1.86	1.73	1.68	1.81	1.79
Low -	1.10	0.96	0.95	0.95	0.90	0.86	0.89	0.98	1.17	1.19	1.30	1.72	1.62	1.58	1.67	1.76
							<del></del>	h					1.02	1	1.07	, 1.70

hedule 9 ge 4 of 4

## S&P Composite Index and S&P Public Utility Index Long-Term Corporate and Public Utility Bonds Yearly Total Returns 1928-1999

Year	S & P Composite Index	S & P Public Utility Index	Long Term Corporate Bonds	Public Utility Bonds
1928	43.61%	57.47% 11.02%	2.84% 3.27%	3.08% 2.34%
1929 1930	-8.42% -24.90%	-21.96%	7.98%	4.74%
1931	-43,34%	-35.90%	-1.85%	-11.11%
1932	-8.19%	-0.54%	10.82%	7.25%
1933 1934	53.99% -1.44%	-21.87% -20.41%	10.38% 13.84%	-3.82% 22.61%
1935	47.67%	76.63%	9.61%	16.03%
1936	33.92%	20.69%	6.74%	8.30%
1937	-35.03%	-37.04%	2.75%	<b>-</b> 4.05%
1938 1939	31.12% -2.41%	22.45% 11.26%	6.13% 3.97%	8.11% 6.76%
1940	-9.78%	-17,15%	3.39%	4.45%
1941	-11.59%	-31.57%	2.73%	2.15%
1942	20.34%	15.39%	2.60%	3.81%
1943 1944	25.90% 19.75%	46.07% 18.03%	2.83% 4.73%	7.04% 3.29%
1945	36.44%	53.33%	4.08%	5.92%
1945	-3.07%	1.26%	1.72%	2.98%
1947	5.71%	-13.16%	-2.34%	-2.19%
1948 1949	5.50% 18.79%	4.01% 31.39%	4.14% 3.31%	2.65% 7.16%
1950	31,71%	3.25%	2.12%	2.01%
1951	24.02%	18.63%	-2.69%	-2.77%
1952	18.37%	19.25%	3.52%	2.99% 2.08%
1953 1954	-0.99% 52.62%	7.85% 24.72%	3.41% 5.39%	2.08% 7.57%
1955	31.56%	11.26%	0.48%	0.12%
1956	6.56%	5.06%	-6.81%	-6.25%
1957	-10.78%	6.36%	8.71%	3.58%
1958 1959	43.36% 11.96%	40.70% 7.49%	<i>-2.22%</i> -0.97%	0.18% -2.29%
1960	0.47%	20.26%	9.07%	9.01%
1961	26.89%	29.33%	4.82%	4.65%
1962	-8.73%	-2.44%	7.95%	6.55% 3.44%
1963 1964	22.80% 16,48%	12,36% 15.91%	2.19% 4.77%	3. <del>44</del> % 4.94%
1965	12,45%	4.67%	-0.46%	0.50%
1966	-10.06%	-4.48%	0.20%	-3.45%
1967	23.98%	-0.63%	-4.95% 2.578	-3.63% 1,87%
1968 1969	11.06% -8.50%	10.32% -15.42%	2.57% -8.09%	-5.66%
1970	4.01%	16.56%	18.37%	15.90%
1971	14.31%	2.41%	11.01%	11.59%
1972	18.98%	8.15%	7.26% 1.14%	7.19% 2.42%
1973 1974	-14.66% -26.47%	-18.07% -21.55%	-3.06%	-5.28%
1975	37,20%	44.49%	14.64%	15,50%
1976	23.84%	31.81%	18.65%	19.04%
1977	-7.18%	8.64%	1.71% -0.07%	5.22% -0.98%
1978 1979	6.56% 18.44%	-3.71% 13.58%	-0.07 % -4.18%	-0.36 % -2.75%
1980	32.42%	15.08%	-2.75%	-0.23%
1981	4.91%	11.74%	-1.24%	4.27%
1982	21.41%	26.52% 20.01%	42.56% 6.26%	33.52% 10.33%
1983 1984	22.51% 6.27%	26.04%	16.88%	14.82%
1985	32,16%	33.05%	30.09%	26.48%
1986	18.47%	28.53%	19.85%	18.16%
1987	<i>5.2</i> 3% 16.31%	-2.92% 18.27%	-0.27% 10.70%	3.02% 10.19%
1988 1 <b>98</b> 9	31.49%	47.80%	16.23%	15.61%
1990	-3.17%	-2.57%	6.78%	8.13%
1991	30.55%	14.61%	19.89%	19.25%
1992	7.67% 9.99%	8.10% 14.41%	9.39% 13.19%	8.65% 10.59%
1993 1994	1.31%	-7.94%	-5.76%	-4.72%
1995	37.43%	42.15%	27,20%	22.81%
1996	23.07%	3.14%	1.40%	3.04% 11.39%
1997 1998	33.36% 28.58%	24.69% 14.82%	12.95% 10.76%	11.39% 9.44%
1999	21.04%	-8.85%	-7.45%	-1.69%
Geometric	11 029/	8.87%	5.56%	5,43%
Mean Arithmetic	11,02%	0.0770	V-D-V 19	y, 14 ft
Mean	12.97%	11.01%	5.90%	5.73%
Standard	00 000/	24 600	8.83%	8,21%
Deviation Median	20.22% 16.65%	21.68% 11.26%	3.75%	4.36%

## Tabulation of Risk Rate Differentials for S&P Public Utility Index and Public Utility Bonds For the Years 1928-1999, 1952-1999, 1974-1999 and 1979-1999

Total Returns	Geometric Mean	Range Median	Midpoint	Point Estimate Arithmetic Mean	Average of the Midpoint of Range and Point Estimate
TOTAL TOTALITY	- Wican	Woodan	maponit		Lounate
<u>1928-1999</u>		•			
S&P Public Utility Index Public Utility Bonds	8.87% 5.43%	11.26% 4.36%		11.01% 5.73%	
Risk Differential	3.44%	6.90%	5.17%	5.28%	5.23%
•					
1952-1999	44 400/	12.05%		12.53%	
S&P Public Utility Index Public Utility Bonds	11.43% 6.24%	4.80%		6.59%	
•	F 400/	7.050/	0.000/	E 0.40/	0.000/
Risk Differential	5.19%	7.25%	6.22%	5.94%	6.08%
t e					
1974-1999					
S&P Public Utility Index	14.10%	14.72%		15.38%	
Public Utility Bonds	9.34%	9.82%		9.76%	
Risk Differential	4.76%	4.90%	4.83%	5.62%_	5.23%
_					
		•		·	
1979-1999	45.000/	4.4.000/		16.20%	
S&P Public Utility Index Public Utility Bonds	15.26% 10.08%	14.82% 10.19%		10.20%	
_					
Risk Differential	5.18%	4.63%	4.91%	<u>5.71%</u>	<u>5.31%</u>

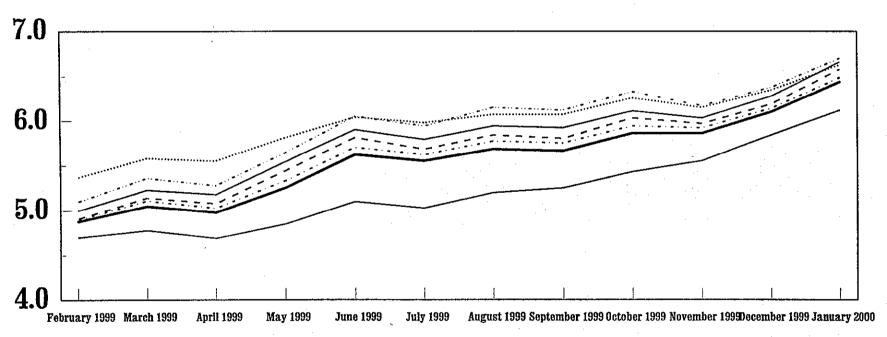
## Merrill Lynch and Value Line Adjusted Betas for the Value Line Extended Water Group and the Public Utility Group

•	<u>Merrill Lynch</u> Adjusted <u>Beta</u>	<u>Value Line</u> Adjusted <u>Beta</u>	Average Adjusted <u>Beta</u>
Walter Line Francisco de di Water Occur			
Value Line Extended Water Group	0.04	0.50	0.50
American Water Works	0.61	0.50	0.56
American States Water Co	0.66	0.60	0.63
California Water Service Grp	0.65	0.55	0.60
Connecticut Water Service	0.33	0.50	0.42
Middlesex Water Co	0.37	0.45	0.41
Philadelphia Suburban Corp.	0.23	0.55	0.39
Southwest Water Co.	<u>0.10</u>	<u>0.55</u>	0.33
Average	0.42	0.53	<u>0.48</u>
Public Utility Group			
American Water Works	0.61	0.50	0.56
Atmos Energy Corp	0.47	0.55	0.51
Laclede Gas Co	0.47	0.50	0.49
NICOR, Inc.	0.50	0.60	0.55
Peoples Energy Corp	0.61	0.75	0.68
Philadelphia Suburban Corp	0.23	0.55	0.39
SEMCO Energy, inc.	0.77	<u>0.70</u>	<u>0.74</u>
Average	<u>0.52</u>	<u>0.59</u>	0.56

Source of Information: Merrill Lynch Security Price Index, January 2000 Value Line Investment Survey, February 4, 2000 and December 24, 1999

## Interest Rate Trends for Treasury Constant Maturities

#### Percent (%)



#### **Bond Yields**

1-Year 2-Year 3-Year 5-Year 7-Year 10-Year 30-Year

## Interest Rate Trends for Treasury Constant Maturities Yearly for 1995-1999 and the Twelve Months Ended January 2000

<u>Years</u>	<u>1-Year</u>	2-Year	<u>3-Year</u>	<u>5-Year</u>	7-Year	10-Year	30-Year
1995 1996 1997 1998 1999	5.95% 5.51% 5.63% 5.05% 5.08%	6.16% 5.84% 5.99% 5.13% 5.43%	6.26% 5.99% 6.10% 5.14% 5.49%	6.39% 6.18% 6.22% 5.15% 5.54%	6.50% 6.34% 6.32% 5.28% 5.78%	6.58% 6.44% 6.35% 5.26% 5.64%	6.88% 6.70% 6.61% 5.58% 5.87%
<u>Months</u>					,÷		
February 1999	4.70% 4.78% 4.69% 4.85% 5.10% 5.03% 5.20% 5.25% 5.43% 5.55%	4.88% 5.05% 4.98% 5.25% 5.62% 5.55% 5.68% 5.86% 5.86%	4.90% 5.11% 5.03% 5.33% 5.70% 5.62% 5.77% 5.75% 5.94% 5.92%	4.91% 5.14% 5.08% 5.44% 5.81% 5.68% 5.84% 5.80% 6.03% 5.97%	5.10% 5.36% 5.28% 5.64% 6.05% 5.94% 6.15% 6.12% 6.33% 6.17%	5.00% 5.23% 5.18% 5.54% 5.90% 5.79% 5.94% 5.92% 6.11% 6.03%	5.37% 5.58% 5.55% 5.81% 6.04% 5.98% 6.07% 6.07% 6.26% 6.15%
December 1999 January 2000	5.84% 6.12%	6.10% 6.44%	6.14% 6.49%	6.19% 6.58%	6.38% 6.70%	6.28% 6.66%	6.35% 6.63%
Twelve-Month Average	<u>5.21%</u>	<u>5.58%</u>	<u>5.64%</u>	<u>5.71%</u>	<u>5.94%</u>	<u>5.80%</u>	<u>5.99%</u>

Source of Information:

Federal Reserve Statistical Release

#### Measures of the Risk Free Rate Using Blue Chip Financial Forecasts

The forecast Treasury yields per the consensus of nearly 50 economists reported in the <u>Blue Chip Financial Forecasts</u> dated March 1, 2000.

	<u>Treasury Note Yield</u> <u>10-Year</u>	Treasury Bond Yield 30-Year
First Quarter 2000	6.6%	6.4%
Second Quarter 2000	6.6	6.4
Third Quarter 2000	6.6	6.4
Fourth Quarter 2000	6.5	6.3
First Quarter 2001	6.4	6.3
Second Quarter 2001	6.4	6.2

Source of Information: Blue Chip Financial Forecasts, March 1, 2000.



Summary &
Index

File at the front or the Ratings & Reports binder. Last week's Summary & Index should be removed.

February 4, 2000

TABLE OF SUMMARY	Y & INDEX CONTENTS	Summary & Index Page Number
Industries, in alphabetical order		
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The Median of Estimated
PRICE-EARNINGS RATIOS
of all stocks with earnings

14.3

26 Weeks Market Low Market High Ago 10-28-87 4-22-98 17.1 10.6 19.7 The Median of Estimated
DIVIDEND YIELDS
(next 12 months) of all dividend paying stocks under review

2.2%

26 Weeks Market Low Market High Ago 10-28-87 4-22-98 1.8% 3.7% 1.6% The Estimated Median Price

APPRECIATION POTENTIAL

of all 1700 stocks in the hypothesized
economic environment 3 to 5 years hence

80%

26 Weeks Market Low Market High Ago 10-28-87 4-22-98 60% 120% 35%

#### ANALYSES OF INDUSTRIES IN ALPHABETICAL ORDER WITH PAGE NUMBER

Numeral in parenthesis after the industry is rank for probable performance (next 12 months).

rametal in parentition	sis altor the inductry to tal	m tot probable, personner	
PAGE	PAGE	PAGE	
Advertising (5) 1853	Drugstore (69)807	Internet (4) 2214	
Aerospace/Detense (82) 551	Educational Services (28) 1586	Investment Co. (68)969	
Air Transport (85) 1148, 261	Electrical Equipment (47) 1001	Investment Co.(Foreign) (14) 375	Retail Store (50)1641
Aluminum ()	Electric Util. (Central) (90)701	*Machinery (51) 1301	*Securities Brokerage (7)1407
Apparel (61) 1611	Electric Utility (East) (88)157	Manuf. Housing/Rec Veh (83) 1550	
Auto & Truck (36)	Electric Utility (West) (87) 1729	Maritime (40)294	Semiconductor Cap Equip (1) 1079
Auto Parts (OEM) (37) 813	Electronics (3)	Medical Services (30) 642	Shoe (44)
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Bank (78)	Environmental (89)	Metal Fabricating (48)569	*Steel (Integrated) (64) 1394
Bank (Canadian) (65)	Financial Svcs. (Div.) (24) 2134	Metals & Mining (Div.) (13) 1219	Telecom. Equipment (6)771
Bank (Midwest) (59)	Food Processing (77) 1461	Natural Gas (Distrib.) (75) 463	Telecom. Services (29)
Beverage (Alcoholic) (31) 1531	Food Wholesalers (25) 1524	Natural Gas(Diversified) (41) 443	Textile (76)1628
Beverage (Soft Drink) (74) 1540	Foreign Electron/Enterin (32) 1558	Newspaper (23) 1835	Thrift (58) 1161
Building Materials (73) 851	Foreign Telecom. (12)791	Office Equip & Supplies (70) 1118	Tire & Rubber (72) 118
Cable TV (54) 840	Furn /Home Furnishings (38) 899	Oilfield Services/Equip. (42) 1874	Tobacco (80)1578
Canadian Energy (18)	Gold/Silver Mining (45)1209	Packaging & Container (62) 938	Toiletries/Cosmetics (81) 831
Cement & Aggregates (52) 891	Grocery (63)	Paper & Forest Products (34) 911	Trucking/Transp. Leasing (21) 275
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Drug (16)1240	Insurance(Prop/Casualty) (91) 597	Restaurant (57)	*Reviewed in this week's edition.

In three parts: This is Part 1, the Summary & Index. Part 2 is Selection & Opinion. Part 3 is Ratings & Reports. Volume LV, No. 22.

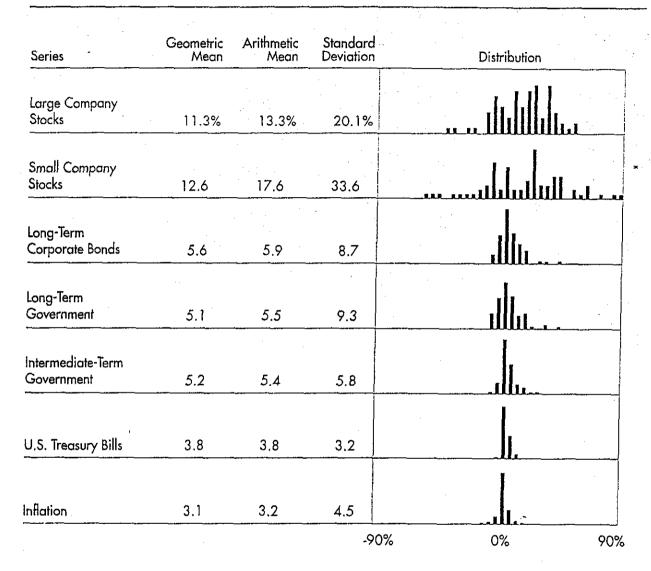
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Table 2-1

Basic Series: Summary Statistics of Annual Total Returns

Exhibit 7.1 Schedule 11 Page 6 of 6

From 1926 to 1999



<sup>\*</sup> The 1933 Small Company Stock Total Return was 142.9 percent.

# Comparable Earnings Approach for Value Line Extended Water Group and Public Utility Group All Value Line Non-Utility Companies with Timeliness of 2, 3, 4 and 5, Safety Ranking of 1, 2, 3 and 4, Financial Strength of B, B+, B++,A and A+, Price Stability 35 to 100, Beta's of .45 to .75 and Technical Rank of 2, 3 or 4

<b></b>							
		Time-		<b>-</b> :!-!	n.i.		
Company Name	Industry Name			Financial	Price	D - 4 -	Technical
Company Name	industry Maine	Kank	<u>Rank</u>	<u>Strength</u>	<u>Stability</u>	<u>Beta</u>	Rank
21st Century Ins. Grou	ID INSPRPTY	3	3	В	75	0.7	3
ALPHARMÁ Inc.	MEDSUPPL	3	3	В	35	0.7	3
Alberto Culver 'B'	COSMETIC	3	2	B++	90	0.75	3
Alexander & Baldwin	MARITIME	3	3	_ B+	80	0.7	. 3
Alliant Techsystems	DEFENSE	3	3	В	90	0.5	4
Amerada Hess	OILINTEG	2	3	В	90	0.7	3
Ameron Int'l	BUILDING	3	3	B+	90	0.65	3
Ametek inc.	DIVERSIF	3	3	В	60	0.75	3
Ampco-Pittsburgh	STEEL	3	3	B+	55	0.65	3
Anadarko Petroleum	OILPROD	3	3	B+	50	0.75	3
Analogic Corp.	INSTRMNT	4	3	B+	55	0.73	3
Apache Corp.	OILPROD	2	3	B.	55	0.7	2
Applied Ind'l Techn.	MACHINE	3	3	B+	60	0.6	3
Archer Daniels Midl'd	FOODPROC	4	3	B+	85	0.75	4
Arrow Int'i	MEDSUPPL	2	3	B+	35	0.75	2
Baldor Electric	ELECEQ	4	2	B++	90	0.65	3
Bandag Inc.	TIRE	4	2	B++	90	0.75	4
Banta Corp.	PUBLISH	3	3	B+	70	0.7	3
Bassett Furniture	FURNITUR	4	3	B++	55	0.75	3
Berry Petroleum 'A'	OILPROD	2	3	В	75	0.6	3
Bestfoods	FOODPROC	3	1	A+	95	0.75	3
Bio-Rad Labs, 'A'	MEDSUPPL	3	3	B+	60	0.75	3
Blair Corp.	RETAILSP	4	3	В.	40	0.75	3
Bob Evans Farms	RESTRNT	4	3	B++	70	0.75	4
Burlington Resources	OILPROD	3	3	B++	80	0.75	4
Butler Mfg.	BUILDING	. 3	3	B++	65	0.75	4
CLARCOR Inc.	PACKAGE	3	3	B++	75	0.75	
Calgon Carbon	CHEMSPEC	3	3	В÷	45	0.73	3
Canandaigua Brands 'A		2	3	В.	35	0.7	3 2 3
Caraustar Inds.	PACKAGE	4	3	В	65	0.75	3
Carpenter Technology	STEEL	3	3	В	75	0.75	3
Casey's Gen'l Stores	GROCERY	3	3	В	65	0.00	3
Centex Construction	CEMENT	3	3	B++	55	0.7	3
Chemed Corp.	DIVERSIF	3	3	В	90	0.6	
Church & Dwight	HOUSEPRD	2	3	B++	80	0.65	3 2
Cincinnati Financial	INSPRPTY	4	2	B++	80	0.75	4
ConAgra Inc.	FOODPROC	3	2	A	80	0.7	
Consol. Papers	PAPER	3	3	В	85	0.7	3 3 3 2
Coors (Adolph) 'B'	ALCO-BEV	3	3	B+	50	0.65	3
Crawford & Co. 'B'	FINSVCS	3	3	A	55 55	0.75	2
Curtiss-Wright	MACHINE	3	2	Б++	90	0.75	3
Darden Restaurants	RESTRNT	3	3	B+	70	0.65	4
Dean Foods	FOODPROC	3	3	B+	85	0.65	3
Dentsply Int'l	MEDSUPPL	3	3	Б++	70	0.7	3
Бенгаріу низ	MILLOOUFFL	. J	J	DTT	70	0.00	<b>ა</b>

Diagnostic Products Dial Corp. Donaldson Co. Earthgrains Co. Fansteel Inc. Flowers Inds. Franklin Electric Fuller (H.B.) G&K Services, 'A' GAINSCO Inc. Gallagher (Arthur J.) Gaylord Entertainm. Gen'l Mills Guilford Mills Haemonetics Corp. Haverty Furniture Heinz (H.J.) Hershey Foods Hormel Foods Houghton Mifflin Hunt Corp. IBP Inc. Int'l Aluminum Interstate Bakeries Jo-Ann Stores Johnson Worldwide Justin Inds. K2 Inc. Kellogg Kellwood Co. Kelly Services 'A' Kerr-McGee Corp. Kimball Int'l 'B' Lancaster Colony Lance Inc. Lawson Products Lear Corp. Libbey Inc. Liberty Corp. Lilberty Corp. Lilberty Corp. Lilberty Corp. McClatchy Co. McCormick & Co. Modine Mfg. Murphy Oil Corp. NCH Corp. Nabisco Holdings 'A' National Presto Ind. New England Bus. Noble Affiliates OM Group Old Nat'l Bancorp Oneida Ltd. Overseas Shipholding Owens & Minor Patterson Dental Performance Food	MEDSUPPL HOUSEPRD MACHINE FOODPROC METALFAB FOODPROC ELECEQ CHEMSPEC INDUSRY FINSVCS ENTRTAIN FOOTILE MEDSILSP FOODPROC FOODPROC FOODPROC FOODPROC FOODPROC FOODPROC PUBLISH FOODPROC RETAILSP FOODPROC RETAILSP FOODPROC RETAILSP FOODPROC RETAILSP FOODPROC APPAREL INDUSRY OILINTEG FURNITUR HOUSEPRD INSLIFE RETAILSP MACHINE HOTELGAM INSPRAPE FOODPROC AUTO-OEM OILINTEG CHEMSPEC APPLIANC OFFICE OILPROD CHEMSPEC AUTO-OEM OILINTEG CHEMSPEC AUTO-OUTO-OEM OILINTEG CHEMSPEC AUTO-OUTO-OUTO-OUTO-OUTO-OUTO-OUTO-OUTO-		432345335334443345345345323343323253344333523423443322323	3333333333232323331222333223333233333333	++++BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	60 755 45 70 85 45 95 95 95 90 95 95 95 90 95 95 90 95 95 90 90 95 90 90 90 90 90 90 90 90 90 90 90 90 90	0.75 0.76 0.77 0.67 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7	333334333342333342333333333333333333333
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Perrigo Co. Phillips Petroleum Pittston Brink's Quaker Chemical Quaker Oats RLI Corp. RPM Inc. Rayonier Inc. Regal-Beloit Riviana Foods Rogers Corp. Roper Inds. Ruddick Corp. Ryan's Family Safeway Inc. Salient 3 Communic. Sara Lee Corp. Schulman (A.) Selective Ins. Group Sequa Corp. 'A' Simpson Inds. Smucker (J.M.) 'A' SpaceLabs Medical Standard Register Sysco Corp. Tecumseh Products 'A' Tennant Co. Texaco Inc. Thomson Corp. Times Mirror Co. Tredegar Corp. U.S. Foodservice UST Inc. USX-Marathon Group Ultramar Diamond United Industrial Corp. Universal Foods VICORP Restaurants Valmont Inds. Valspar Corp. WD-40 Co. Wendy's Int'l West Pharmac. Svcs. Wolohan Lumber Worthington Inds.	DRUG OILINTEG DIVERSIF CHEMSPEC FOODPROC INSPRPTY CHEMSPEC PAPER MACHINE FOODPROC ELECTRNX MACHINE GROCERY RESTRNT GROCERY TELEQUIP FOODPROC CHEMSPEC INSPRPTY DIVERSIF AUTO-OEM FOODPROC MEDSUPPL OFFICE FOODWHOL MACHINE MACHINE OILINTEG NWSPAPER NWSPAPER NWSPAPER NWSPAPER NWSPAPER NWSPAPER OHEMSPEC FOODWHOL TOBACCO OILINTEG OILINTEG OILINTEG OILINTEG OILINTEG CHEMSPEC FOODPROC RESTRNT DIVERSIF CHEMSPEC CHEMSPEC CHEMSPEC RESTRNT MEDSUPPL BUILDSUP STEEL	344334543322433344443335234444343332244333254523	333333333333333333331333333122132233233322233322333333	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	55 90 65 90 90 95 55 60 60 73 85 85 80 80 80 80 85 85 85 85 85 85 85 85 85 85 85 85 85	0.55 0.75 0.7 0.6 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	33433343332233443333333334343333344333333
Averages		3.2	2.7	<u>B+</u>	<u>70.2</u>	0.68	<u>3.1</u>
Barometer Groups	- Range	<u>2 to 5</u>	<u>1 to 3</u>	B to A+	35 to 100	.45 to .75	2 to 4

# Comparable Earnings Approach Five Year Average Historical Earned Returns for the Years 1994-1998 and Projected 3-5 Year Returns

							Projected 3-5 Year
Company Name	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>Average</u>	Return
21st Century Ins. Group	NMF	14.9%	15.2%	19.0%	12.9%	15.5%	14.0%
ALPHARMA Inc.	8.5%	9.2%	NMF	7.3%	10.2%	8.8%	13.0%
Alberto Culver 'B'	13.5%	14.2%	14.8%	15.2%	15.6%	14.7%	13.0%
Alexander & Baldwin	11.8%	6.1%	9.1%	9.6%	8.6%	9.0%	14.0%
Alliant Techsystems	3.6%	37.8%	24.7%	25.6%	57.0%	29.7%	21.0%
Amerada Hess	1.0%	NMF	7.0%	0.4%	~ NMF	2.8%	7.5%
Ameron Int'l	7.2%	9.3%	10.6%	12.7%	9.7%	9.9%	10.0%
Ametek Inc.	53.3%	50.3%	39.5%	31.6%	32.5%	41.4%	17.5%
Ampco-Pittsburgh	4.6%	8.1%	9.9%	11.1%	11.0%	8.9%	11.5%
Anadarko Petroleum	5.3%	2.3%	8.7%	9.6%	NMF	6.5%	15.0%
Analogic Corp.	8.0%	6.3%	6.2%	9.3%	9.5%	7.9%	9.5%
Apache Corp.	4.9%	2.4%	8.0%	9.0%	1.6%	5.2%	8.5%
Applied Ind'l Techn.	8.4%	10.2%	12.3%	13.1%	10.2%	10.8%	11.0%
Archer Daniels Midl'd	9.6%	13.6%	11.3%	9.2%	6.8%	10.1%	8.0%
Arrow Int'l	21.7%	18.0%	14.9%	14.9%	16.3%	17.2%	14.5%
Baldor Electric	14.3%	15.3%	17.6%	16.6%	16.9%	16.1%	16.5%
Bandag Inc.	21.7%	22.4%	19.9%	16.4%	12.7%	18.6%	12.0%
Banta Corp.	14.2%	13.8%	12.1%	12.5%	12.9%	13.1%	14.0%
Bassett Furniture	8.5%	7.7%	6.3%	6.5%	7.0%	7.2%	8.0%
Berry Petroleum 'A'	NMF	13.3%	17.4%	17.2%	4.6%	13.1%	17.0%
Bestfoods	27.6%	27.6%	27.8%	56.1%	67.5%	41.3%	51.5%
Bio-Rad Labs. 'A'	12.0%	16.7%	16.9%	10.3%	11.3%	13.4%	10.5%
Blair Corp.	18.8%	12.3%	7.1%	6.2%	8.6%	10.6%	7.5%
Bob Evans Farms	13.6%	10.5%	8.5%	10.0%	12.2%	11.0%	13.5%
Burlington Resources	6.0%	1.1%	10.9%	11.9%	2.8%	6.5%	13.0%
Butler Mfg.	19.4%	22.9%	20.7%	13.5%	11.8%	17.7%	12.5%
CLARCOR Inc.	17.6%	16.8%	16.4%	16.5%	17.2%	16.9%	15.5%
Calgon Carbon	6.9%	9.8%	10.0%	10.3%	6.2%	8.6%	13.0%
Canandaigua Brands 'A'	13.0%	12.0%	7.6%	12.8%	14.6%	12.0%	17.0%
Caraustar Inds.	34.7%	30.9%	33.9%	23.9%	22.2%	29.1%	20.0%
Carpenter Technology	16.0%	18.0%	19.5%	13.4%	12.7%	15.9%	12.5%
Casey's Gen'l Stores	12.7%	13.0%	11.6%	12.7%	13.3%	12.7%	12.0%
Centex Construction	8.2%	7.4%	12.8%	14.6%	19.4%	12.5%	13.0%
Chemed Corp.	8.4%	10.0%	14.6%	7.5%	8.9%	9.9%	11.5%
Church & Dwight	6.9%	6.6%	12.8%	13.7%	15.9%	11.2%	20.0%
Cincinnati Financial	10.4%	8.5%	7.0%	6.3%	4.3%	7.3%	7.0%
ConAgra Inc.	16.3%	17.4%	24.2%	24.9%	22.6%	21.1%	24.0%
Consol. Papers	8.5%	19.8%	14.1%	9.0%	7.9%	11.9%	11.5%
Coors (Adolph) 'B'	7.2%	4.9%	6.6%	9.3%	10.2%	7.6%	12.0%
Crawford & Co. 'B'	19.0%	16.3%	19.3%	21.9%	15.4%	18.4%	20.0%
Curtiss-Wright	12.3%	10.6%	8.8%	12.6%	12.7%	11.4%	11.5%
Darden Restaurants	8.7%	9.2%	9.7%	5.0%	10.0%	8.5%	13.0%
Dean Foods	13.5%	13.7%	9.5%	15.3%	14.2%	13.2%	18.5%
Dentsply Int'i	18.1%	17.1%	18.4%	17.6%	19.4%	18.1%	16.0%
Diagnostic Products	12.4%	14.8%	12.6%	9.8%	10.1%	11.9%	14.5%

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Dial Corp.		11.0%	49.2%	26.2%	26.3%	28.2%	21.0%
Donaldson Co.	16.8%	17.4%	19.0%	20.8%	22.3%	19.3%	21.0%
Earthgrains Co.			3.2%	6.2%	8.0%	5.8%	10.0%
Fansteel Inc.	7.2%	6.5%	7.7%	6.6%	11.4%	7.9%	10.0%
Flowers Inds.	10.7%	13.9%	10.1%	15.3%	15.6%	13.1%	19.0%
Franklin Electric	28.8%	19.2%	21.5%	25.0%	27.1%	24.3%	20.0%
Fuller (H.B.)	11.2%	9.8%	10.2%	11.9%	10.9%	10.8%	13.5%
G&K Services 'A'	14.7%	15.4%	16.2%	17.2%	16.2%	15.9%	17.0%
GAINSCO Inc.	18.6%	17.7%	14.6%	10.1%	NMF	15.3%	11.0%
Gallagher (Arthur J.)	35.7%	35.1%	34.0%	32.5%	27.9%	33.0%	20.0%
Gaylord Entertainm.	21.4%	15.6%	17.1%	5.2%	4.8%	12.8%	5.5%
Gen'i Mills	33.5%	NMF	NMF	96.0%	NMF	64.8%	NMF
Guilford Mills	10.3%	12.6%	11.4%	10.6%	9.7%	10.9%	8.5%
Haemonetics Corp.	17.4%	16.6%	14.6%	8.5%	9.5%	13.3%	16.0%
Haverty Furniture	9.6%	8.6%	8.1%	8.4%	10.7%	9.1%	15.5%
		24.4%	27.0%	36.2%	48.9%		
Heinz (H.J.)	23.9%					32.1%	59.5%
Hershey Foods	18.3%	25.8%	26.6%	39.4%	31.9%	28.4%	32.0%
Hormel Foods	17.8%	16.5%	11.2%	13.2%	15.0%	14.7%	24.0%
Houghton Mifflin	13.7%	8.2%	11.4%	13.4%	10.2%	11.4%	14.5%
Hunt Corp.	13.3%	13.8%	24.6%	NMF	14.9%	16.7%	19.0%
IBP Inc.	23.4%	27.4%	16.5%	9.5%	14.6%	18.3%	11.5%
Int'l Aluminum	7.1%	11.9%	6.5%	5.9%	8.9%	8.1%	10.5%
Interstate Bakeries	11.7%	10.5%	5.3%	18.0%	22.6%	13.6%	23.0%
Jo-Ann Stores	7.3%	9.6%	13.4%	13.3%	11.2%	11.0%	11.5%
Johnson Worldwide	6.4%	7.1%	3.1%	2.0%	4.8%	4.7%	7.0%
Justin Inds.	16.6%	10.8%	9.2%	9.6%	9.1%	11.1%	10.5%
K2 Inc.	13.2%	11.3%	13.3%	11.6%	7.1%	11.3%	. 8.5%
Kellogg	39.0%	47.9%	49.0%	70.6%	61.7%	53.6%	47.5%
Kellwood Co.	8.1%	8.6%	10.5%	11.1%	13.4%	10.3%	15.0%
Kelly Services 'A'	14.1%	14.6%	14.1%	14.4%	15.8%	14.6%	15.0%
Kerr-McGee Corp.	6.2%	9.7%	16.7%	13.5%	3.8%	10.0%	24.5%
Kimball Int'l 'B'	10.0%	11.2%	12.0%	13.7%	12.3%	11.8%	14.5%
Lancaster Colony	25.3%	25.4%	23.5%	24.1%	23.4%	24.3%	24.5%
Lance Inc.	11.6%	9.8%	13.3%	16.1%	14.8%	13.1%	19.5%
Lawson Products	15.6%	17.2%	15.5%	15.3%	13.6%	15.4%	14.5%
Lear Corp.	28.0%	16.2%	14.9%	17.2%	16.0%	18.5%	14.5%
Libbey Inc.				36.1%	39.8%	38.0%	23.5%
Liberty Corp.	10.5%	9.6%	10.3%	10.5%	9.8%	10.1%	10.5%
Lillian Vernon	12.4%	5.6%	4.7%	8.4%	4.0%	7.0%	9.5%
Lincoln Elec Hidgs.	12.770	18.6%	19.0%	19.5%	19.1%	19.1%	18.5%
Marcus Corp.	10.7%	11.3%	10.9%	11.1%	10.2%	10.8%	9.5%
Markel Corp.	13.4%	16.2%	13.0%	9.8%	10.0%	12.5%	6.5%
McClatchy Co.	9.3%	7.5%	8.5%	11.2%	7.6%	8.8%	9.5%
McCormick & Co.	21.9%	18.8%	18.5%	5.0%	27.2%	18.3%	33.5%
		17.6%	16.5%	17.2%	16.3%	18.0%	14.0%
Modine Mfg.	22.2%	2.7%	12.3%	12.3%	4.5%	7.7%	14.0%
Murphy Oil Corp.	6.8%		12.5%	9.6%	11.6%	11.2%	10.5%
NCH Corp.	11.3%	12.1%					
Nabisco Holdings 'A'	10.1%	7.4%	9.2%	10.3%	8.3%	9.1%	12.0%
National Presto Ind.	8.8%	7.7%	6.0%	6.8%	7.8%	7.4%	9.0%
New England Bus.	19.2%	17.8%	20.6%	25.6%	22.0%	21.0%	21.5%
Noble Affiliates	0.8%	4.1%	11.6%	11.1%	NMF	6.9%	12.5%
OM Group	14.7%	16.1%	16.2%	12.8%	12.0%	14.4%	11.5%
Old Nat'l Bancorp	12.6%	12.1%	13.1%	12.7%	14.5%	13.0%	16.0%
Oneida Ltd.	14.2%	17.0%	14.6%	19.3%	16.3%	16.3%	16.5%
Overseas Shipholding	NMF	NMF	0.3%	2.4%	1.2%	1.3%	8.0%
Owens & Minor	9.6%	NMF	5.3%	9.4%	16.6%	10.2%	14.5%
Patterson Dental	24.9%	22.6%	19.9%	19.4%	18.8%	21.1%	15.0%
Performance Food	9.8%	14.2%	10.9%	9.9%	10.6%	11.1%	14.0%
Perrigo Co.	18.5%	13.0%	10.5%	10.6%	10.2%	12.6%	12.0%
Phillips Petroleum	12.4%	16.5%	18.2%	16.7%	8.0%	14.4%	17.5%

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Pittston Brink's	19.3%	19.7%	19.0%	19.3%	17.1%	18.9%	16.5%
Quaker Chemical	9.7%	7.1%	12.5%	16.1%	15.3%	12.1%	15.0%
Quaker Oats	64.7%	15.2%	14.3%	NMF	NMF	31.4%	NMF
RLI Corp.	NMF	5.0%	12.8%	11.3%	9.6%	9.7%	10.5%
RPM Inc.	16.7%	17.6%	15.5%	15.9%	15.5%	16.2%	14.5%
Rayonier Inc.	10.7%	15.4%	12.6%	13.8%	10,0%	12.5%	15.0%
Regal-Beloit	20.9%	24.2%	20.2%	20.5%	19.1%	21.0%	13.5%
Riviana Foods	- ~	14.6%	15.7%	15.8%	16.4%		19.5%
Rogers Corp.	22.5%	21.8%	18.1%	17.5%	12.5%	18.5%	13.0%
Roper Inds.	25.2%	22.0%	21.0%	20.4%	20.0%	21.7%	23.5%
Ruddick Corp.	10.9%	12.4%	12.3%	12.5%	11.4%	11.9%	12.5%
Ryan's Family	11.3%	11.0%	12.6%	12.4%	14.4%	12.3%	13.0%
Safeway Inc.	38.9%	41.0%	38.8%	28.9%	26.2%	34.8%	19.0%
Salient 3 Communic.	4.2%	4.2%	7.2%	NMF	1.6%	4.3%	4.5%
Sara Lee Corp.	19.9%	18.8%	19.7%	22.3%	59.1%	28.0%	49.0%
Schulman (A.)	12.9%	13.2%	9.7%	12.9%	14.2%	12.6%	12.0%
Selective Ins. Group	11.6%	12.1%	11.7%	12.3%	8.8%	11.3%	10.5%
Segua Corp. 'A'	NMF	0.1%	1.6%	3.3%	4.3%	2.3%	8.0%
Simpson Inds.	14.7%	14.6%	15.2%	13.4%	13.4%	14.3%	12.0%
Smucker (J.M.) 'A'	14.1%	10.7%	10.6%	12.0%	11.6%	11.8%	14.5%
SpaceLabs Medical	10.3%	9.8%	7.7%	7.2%	NMF	8.8%	8.0%
Standard Register	11.4%	11.6%	13.9%	13.7%	11.4%	12.4%	11.0%
Sysco Corp.	17.5%	17.9%	18.8%	21.6%	23.9%	19.9%	21.0%
Tecumseh Products 'A'	15.3%	13,6%	12.2%	10.0%	9.8%	12.2%	10.5%
Tennant Co.	16.4%	17.2%	16.3%	18.1%	19.3%	17.5%	17.0%
Texaco Inc.	9.4%	12.1%	16.1%	14.8%	7.6%	12.0%	14.5%
Thomson Corp.	13.1%	12.2%	9.1%	11.4%	7.1%	10.6%	10.5%
Times Mirror Co.	6.5%	NMF	13.8%	28.6%	18.9%	17.0%	25.0%
Tredegar Corp.	0.8%	14.1%	17.7%	20.9%	20,7%	14.8%	14.0%
U.S. Foodservice		6.4%	11.8%	12.1%	10.7%	10.3%	13.5%
UST Inc.	107.2%	146.4%	164.5%	100.3%	97.2%	123.1%	74.5%
USX-Marathon Group	2.7%	7.8%	15.6%	17.5%	7.4%	10.2%	16.0%
Ultramar Diamond		7.2%	7.1%	9.0%	10.6%	8.5%	14.0%
United Industrial Corp.	5.9%	1.0%	7.1%	8.3%	9.5%	6.4%	11.0%
Unitrin Inc.	8.4%	9.9%	9.0%	9.9%	8.4%	9.1%	9.5%
Universal Corp.	10.2%	9.3%	17.1%	21.5%	23.8%	16.4%	18.0%
Universal Foods	17.9%	15.7%	17.4%	17.0%	17.9%	17.2%	18.5%
VICORP Restaurants	5.7%	NMF	1.8%	5.3%	6.6%	4.9%	12.5%
Valmont inds.	12.6%	15.5%	17.8%	18.1%	15.7%	15.9%	12.5%
Valspar Corp.	25.0%	22.4%	22.0%	22.3%	21.2%	22.6%	18.0%
WD-40 Co.	48.7%	46.0%	45.1%	41.6%	39.8%	44.2%	39.5%
Wendy's Int'l	14.3%	16.4%	14.8%	15.2%	13.9%	14.9%	16.5%
West Pharmac. Svcs.	12.0%	11.3%	12.5%	13.1%	16.3%	13.0%	17.5%
Wolohan Lumber	10.0%	5.5%	6.2%	6.0%	6.9%	6.9%	8.0%
Worthington Inds.	16.8%	19.8%	14.3%	13.0%	10.5%	14.9%	16.0%
Average						<u>15.8%</u>	<u> 15.7%</u>
Median						12.7%	<u>14.0%</u>

Illinois-American Water Company
Comparative Results of
Cost of Equity Methods/Models

	Water Group	Public Utility Group
DCF	9.84%	12.25%
Risk Premium	12.25%	12.75%
CAPM	13.06%	13.29%
Comparable Earnings	13.35%	13.35%